pidion®
by Bluebird

www.bluebird.co.kr
www.mypidion.com

BIP-1500
Manual

- Please read the following warnings before using the product.
- Shapes and colors of the images shown in this manual may differ from the actual products.
- Contents of the manuals may differ based on the software version of products or conditions of the wireless provider.

- This user manual is copyright protected.
- This user manual has been created by the Bluebird Soft. We have done our best not to create typos, editing errors, and leaving out any information. Please understand if there are any inconveniences.
- This product's program is legally protected. Illegal copying, transmitting, or erasing of the program is prohibited.
- This product's partial functions might have problems from the environment, user program, and other machines.
- This wireless equipment cannot service related to safety of human lives due to possible signal interference.

REGISTERED TRADEMARK

PIDION® by Bluebird

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NOTICE TO USERS

MODEL TYPE	NOTICE TO USERS
Class B Device (Household Information and Communication Device)	This device has qualified the electromagnetic wave suitable registration and can be used as a household device at a residential area as well as any other areas.
Form Registration	This wireless equipment cannot service related to safety of human lives due to possible signal interference.

※ **PLEASE READ THE WARNING SIGNS BEFORE USING THIS PRODUCT.**

Contents

Notice Before Using the Device ---------- 3

Precautions Before Using the Battery ------ 5

Getting To Know Your Device ---------- 6
- Getting to know your device's each part --------- 6
- Getting to know the buttons ---------- 8

Learning Basics ---------- 13
- Insert/Remove the battery ---------- 13
- Insert/Remove the USIM card ---------- 15
- Insert/Remove the MicroSD card ---------- 16
- Changing the Printing Paper ---------- 17
- Charging with Cradle ---------- 18
- Turning On ---------- 19
- Soft Reset ---------- 19
- Hard Reset ---------- 20
- Using the Stylus Pen ---------- 21
- Adjusting the Display ---------- 21

Connecting ActiveSync ---------- 22
- Installing on PC ---------- 22
- Using ActiveSync ---------- 24
- Connecting ActiveSync ---------- 28

Using the Barcode Reader ---------- 29
- Using the Barcodes ---------- 29
- Scanning with Barcodes ---------- 29
- Checking Barcodes ---------- 30

Getting to know your Home Screen -------- 31
- Looking at the Home screen ---------- 31
- Setting up Photos as Home screen Background -- 31
- Adjusting Volume ---------- 32
- Checking Battery Level ---------- 32

Inputting Text ---------- 33
- Selecting text input mode ---------- 33
- Block recognizer ---------- 33
- Keyboard ---------- 34

Contents

Letter recognizer ---- 34
Transcriber ---- 35

Phone ---- **36**
Making a Call ---- 36
Receiving a Call ---- 37
Blocking a Call ---- 37
Hanging Up ---- 38

Contacts ---- **39**
Searching ---- 39
Adding a Contact ---- 39
Menu ---- 41

Camera ---- **42**
Taking Photos ---- 42
Viewing Photos ---- 43

Settings ---- **45**

Device Specifications ---- **58**

Value Pack Details ---- **59**
PINPAD ---- 59
Finger scan ---- 63
Payment ---- 67
Snap on ---- 71

Value Pack ---- **73**
Connecting the Hand Strap ---- 73
Connecting the Shoulder Strap ---- 74
Connecting IC Card Cover ---- 75

Q & A ---- **76**

Service Center ---- **77**

Warranty Certificate ---- **79**

Notice Before Using Device

This information is for your own safety. Please observe the following precautions

- This device is qualified of electromagnetic wave human safety standards. For your own safety please use the authenticated devices only from the head company. If not the case, we cannot guarantee your safety.
- Do not press the power button or the power adepter/ cord when the device is wet. There is a danger of electrical shock.
- Do not remodel, take apart, or repair the device. Please refer to your customer service center. If not the case, you will not be able to get your free repair service.
- Please follow instructions when using the batter.
- Do not use your device at an explosive danger zone.
- In case your device is wet, do not put your device in heaters, microwaves, or etc to dry- there is a risk of explosion or it can be the cause of malfunction. (Please note there is a label in the device that changes color when it gets wet. In this case your will not be able to get your free repair service.)
- Do not use your device on-board an airplane or in hospitals.
- Please backup your device's inner data and information. During the repair or upgrade, there is a slight possibility of your data being erased. (Ring tones, text/voice message, characters will be reset.)

Notice Before Using Device

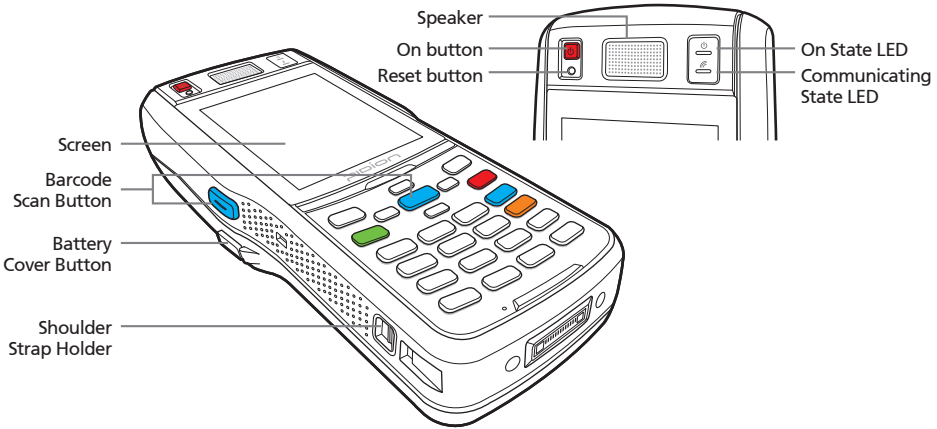
- Please refrain from using your device while driving. If you are in an unavoidable situation, stop your vehicle or use your hand free kit.
- Do not use in places of high temperature and high humidity. The following can be the causes of malfunction: getting wet from the rain, spilling drinks, and taking it in with you at the sauna (high temp.) In these cases, you cannot receive your free repair service.
- Do not place credit cards, phone cards, bankbook, and tickets next to the device. The device's magnetism can damage the listed item's information.
- Please avoid impacts or vibrations. When not using the device unplug the power cord and place it at a safe place where it will not drop.
- Do not place your device at a dusty place. Keep your power cord away from any heating devices. Unplug the power cord when cleaning. If there are any dusts or residue clean the power cords pins thoroughly.
- When not using a battery for long periods, please charge it and leave in at room temperature. Even a charged battery's voltage will decrease over time.
- Do not paint your device. It can damage your screen or your device's exterior. Also, the paint can peel off and trigger allergies. If there is a allergic reaction please seek medical advice.

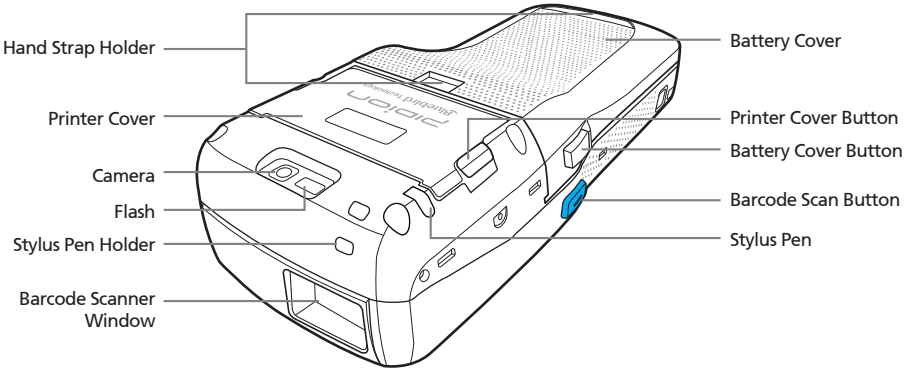
Precautions Before Using Battery

These are safety precautions in order to prevent a dangerous accident. Please use the battery correctly and carefully observe the instructions.

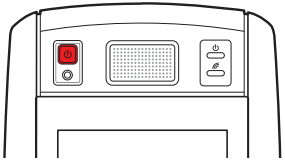
- If the battery is taken apart by impact, applied heat, submersion, or hole-drilling, there is a risk of a dangerous explosion. Please keep away from children and animals.
- Leaving the battery in a hot car or enclosed space where there is direct sunlight, can deform or break down the battery.
- Please take precaution in not letting necklaces, coins and etc touch the battery's terminal (metal part). Do not give an impact on the battery by a sharp object or an animal. There is a risk of explosion.
- Please use only the designated battery for the device. If the original battery is not used, the device's life may decrease and there is a risk of explosion. (In this case you cannot receive the free repair service)
- When charging the battery you must use the supplied standard power adapter. If the original adapter is not used the battery life may decrease and may explode. (In this case you cannot receive the free repair service)

1. Getting to know your device's each part




Hand Strap Holder
Printer Cover
Camera
Flash
Stylus Pen Holder
Barcode Scanner Window
Battery Cover
Printer Cover Button
Battery Cover Button
Barcode Scan Button
Stylus Pen

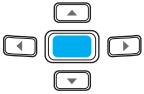
2. Getting to know the buttons

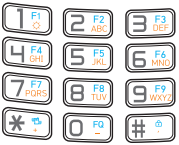


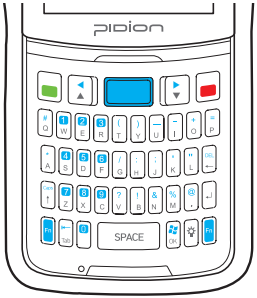
Buttons	Details
Power Button	Turns on the device
Reset Button	**Soft reset** All the programs running will close and the device will restart. **Hard reset** The device will reset into factory mode.

[BIP–1500 Numeric Keypad]

Buttons	Details
Fn Button	This button's function is used as a combination. It is used when the blue printed button is used.
Enter Button	You can change the row you are typing in. It functions the same as the computer enter button.
Mode Change Button	This is a button that changes the mode of Local language/Alpha. Capital/ Alpha. Lower Case. When pressed at the number mode, the Alphabet lower case and symbols will be activated. The default state is the number mode. When pressed, Alphabet and symbol mode will be activated.

Buttons	Details
BKSP Button 	It moves one space at a time and erases the written information. It is the same is the computer's back space button. If pressed down for more than 3 seconds it will quickly erase consecutively.
Direction Button 	It is used when moving Up/Down/ Left/Right.

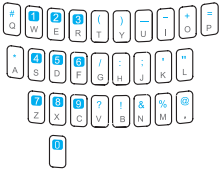
Buttons	Details
	**Numbers / Alphabet Capitalized / Symbols** Default state is Number mode and you can input Alphabet or Symbols. **F1 ~ F9 Button** It is used with Fn as a combination. You can customize these buttons.



[BIP–1500 QWERTY Keypad]

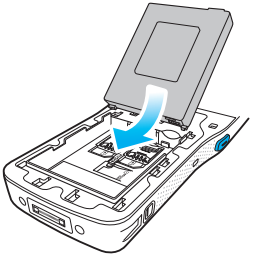
Buttons	Details
	Direction button Used when moving Up/Down/Left/ Right
	Caps Lock Button
	Tab Button
	Erase / Backspace Button
	Approval OK / Check Button

Getting to know your Device

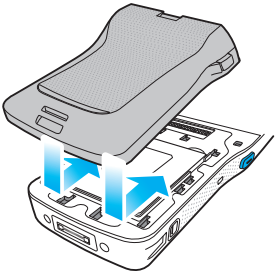
Buttons	Details
	Flash Button
	Fn Button
	SPACE Button (moves one space forward)
	**Numbers / Alphabet / Symbols button** Default is Number mode and you can input Alphabet or symbols. **F1 ~ F9 Button** You can customize these buttons.

1. Insert/Remove the battery

1-1. Insert the battery



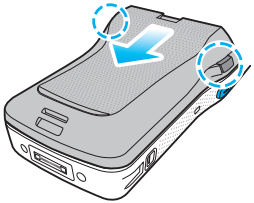
① Push your battery in the direction of the arrow.



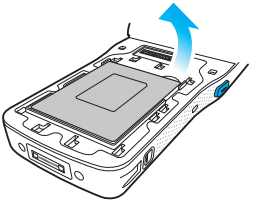
② Put on the battery cover in the direction on the arrows.

- Only use the supplied adapter to charge your battery.
- The batter cover supports high-capacity batteries. Option accessory module only supports the standard batter. [Code : 13774]

1-2. Removing the battery



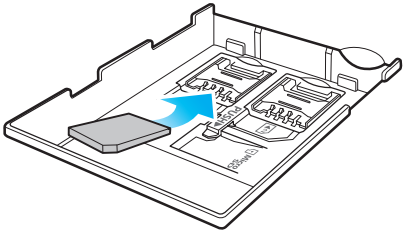
① Press both of the battery cover buttons on the side and slide the battery cover out.



② Lift the battery in the direction of the arrow.

2. Insert/Remove the USIM card

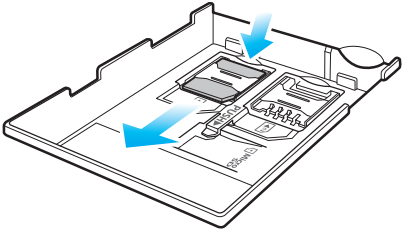
2-1. Insert the USIM card



Slide in the USIM card in the arrow direction.

The devices supports 2 USIM slots.

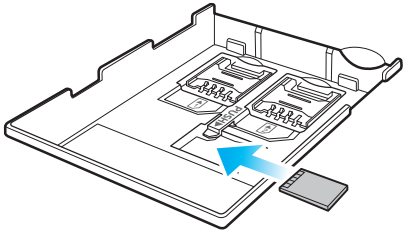
2-2. Removing the USIM card



Push the top of the USIM card to slide it out in the arrow direction.

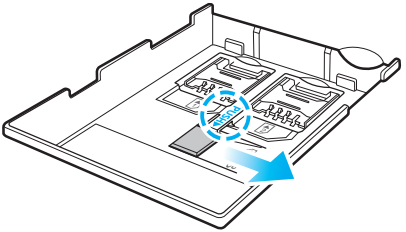
3. Insert/Remove the MicroSD Card

3-1 Insert the MicroSD Card



In the arrow direction, slide in the MicroSD card with the metal terminal facing up.

3-2 Removing the MicroSD card

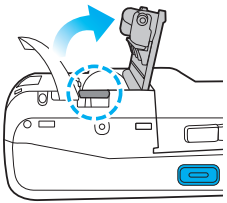


Press push do slide the MicroSD card out.

3-3 Precautions using the MicroSD Card

- The SD card can break if you frequently slide in/out or put or excessively put too much force.
- If the card is removed while being used or being turned off, the data can be lost or malfunction.
- Please back up important data. We are not responsible for the lost data.
- If the memory card does not slide out, do not remove by force. After removing the card at the repair center, exchange your device or get a refund.

4. Changing the printing paper



While pressing the button on back and top of the device, open the printer cover with the arrow direction.

Please be careful not to insert printing paper in the opposite direction.

5. Charging with Cradle

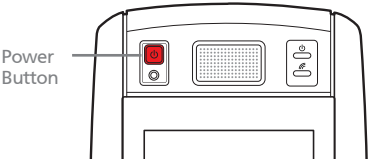
As you see in the picture, connect the adapter with the power cable to charge the PDA.

Power Charging Light

Charging	Orange
Charged	Green

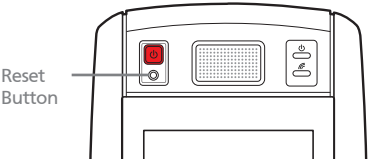
- When the device's battery is low, it may warn you with a ring and a message.
- The charging time can vary depending on the environment. A new battery is only partially charged. Please charge fully before using.

6. Turning On



- The **[Power]** button in on the front.
- To turn your device on you must press the shortly.
- You must hold down the button more than 3 seconds to turn on/off the LCD back light.
- After purchasing your device or hard reseting, the booting process can take some time. We apologize for the inconvenience.

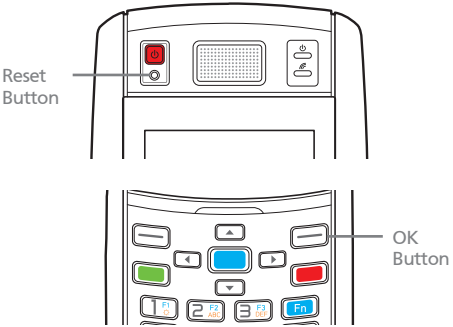
7. Soft Reset



To reset, press the **[Reset]** button, in front of the device, lightly with the stylus pen.

- Please soft reset if your device freezes or has an unexpected error.
- It is very similar to rebooting your computer. Any information not saved will not be lost.

8. Hard Reset



- Please use this function when your device does not react to the soft reset. It will go back to the factory state.
- When doing the hard reset, everything will be erased. Please do it at your own risk.
- We are not responsible for any information being erased. Before you hard reset, please back up your data.

Hold **[OK]** button + **[Reset]** button for 5 seconds.

9. Using the stylus Pen

The supplied stylus pen is used to run programs or inputting on the touch screen.

Pressing

Pressing means to open, run, and cancel any items.

Pulling

Using the stylus pen you can select multiple items as much as needed. (it is similar to the mouse drag on the PC)

Holding Down

If you want to see further details of the selected item, hold down on the item and a popup will appear. (it is similar to the mouse right click on the PC)

10. Adjusting the Display

On your LCD screen, it is the function of setting the input value of the stylus pen.

Adjusting screen Setting

Start ▶ Settings ▶ System ▶ display ▶ Screen adjustment

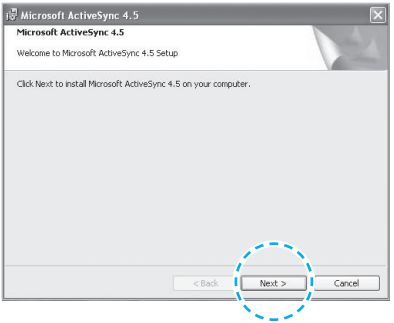
align screen
Tap the target firmly and accurately at each location on the screen. The target will continue to move until the screen is aligned.

Press the center target accurately followed by left top → left bottom → right bottom → right top.

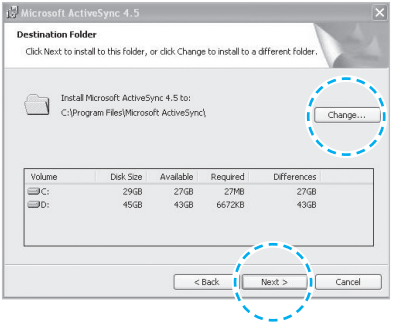
1. Installing on PC

- **[Microsoft ActiveSync 4.5]** Korean version.
- The functions and the layout and be different for other manuals.
- **[Microsoft ActiveSync]** can be updated through the Microsoft Homepage.
- **[Windows Vista]** users need to install **[Windows Mobile Device Center]**.

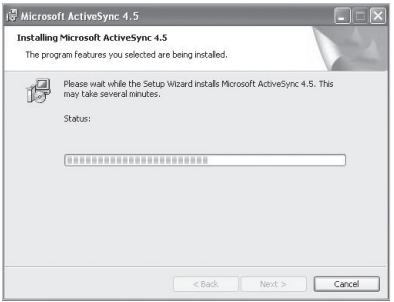
① After connecting to the Microsoft homepage, download and install **[Microsoft ActiveSync]**.


Microsoft ActiveSync 4.5
Microsoft ActiveSync 4.5
Welcome to Microsoft ActiveSync 4.5 Setup
Click Next to install Microsoft ActiveSync 4.5 on your computer.
< Back
Next >
Cancel

② On the window **[Please read the license terms]** press **<I accept the license terms>** ▶ **[Client information]** window - input **<User name>** ▶ Please specify where you want to install.



③ When ready to install **[Microsoft ActiveSync]** will install.

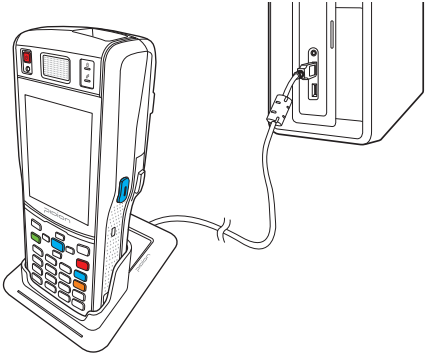

Microsoft ActiveSync 4.5
Installing Microsoft ActiveSync 4.5
The program features you selected are being installed.
Please wait while the Setup Wizard installs Microsoft ActiveSync 4.5. This may take several minutes.
Status:
< Back
Next >
Cancel

④ **[Microsoft ActiveSync]** is installed.

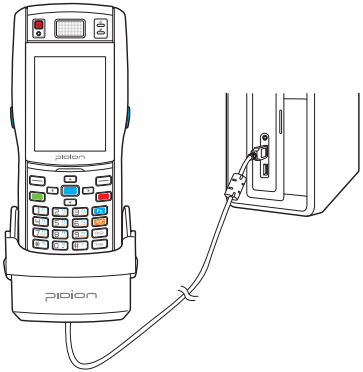
2. Using ActiveSync

- The display you see is a **[Windows Mobile]** version and it can vary depending on the version.
- **[Microsoft ActiveSync]** can be used when the device is plugged into a notebook or pc. You can transfer files by syncing it. You can also install/uninstall new programs.
- The USB cable is sold separately. Please contact the service center for more details. [Code : 12132]

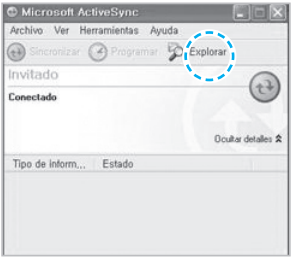
① You can connect with the Cradle.



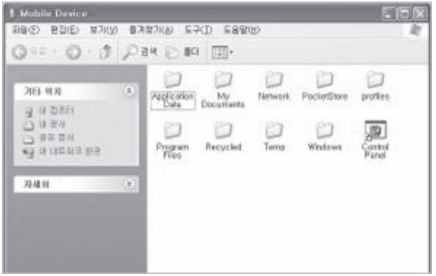
※ You can connect by an option accessory **Snap-on**.



② If the device and the computer successfully connects, **[Microsoft Activesync]** will automatically start. Please Select the **<Search>** button.



③ In the **<Mobile device>** folder, you can check the photos, music, and documents stored in the device and move it to the computer.



[Precautions using ActiveSync]

- **When "unknown USB device" can pop up**, when the device is turning on while connected to the **<Micro USB Cable>**. If you reconnect the device from the **<Micro USB Cable>** the ActiveSync will run properly.
- **If in ActiveSync, the state "connecting…"** is continued for a long period of time, disconnect the device from the **<Micro USB Cable>**. In **[ActiveSync]** press FILE ▶ **CONNECTION SETTINGS** ▶ Select **<Allow USB connection>** ▶ Press **[OK]**. Reconnect the device.

- **If you have reconnected several times and still "unknown USB device" pops up**
  In certain cases the computer's USB host has gone wrong leading to connection failure.
  Remove the device from the **<Micro USB Cable>** and reboot the computer. Reconnect the device to the cable and it will run properly.

- **The device not running after removing the battery while device on.**
  For this to be avoided, do not remove the battery while the device on. You must press the **[Power]** button or the **[Shut Down]** button with the stylus pen in order for the Windows Mobile to **[turn off]** correctly.

  If in a case where you have removed the battery while the device is on, hold the **[Reset]** button + **[OK]** button to hard reset.

  Please note if you hard reset, all the data in the memory will be erased.

3. Connecting ActiveSync

Start ▶ Setting ▶ Connect ▶ USB-PC connect

If you select **[Advanced Network Function Use]** you can connect various Surrounding USB devices to your PDA device.

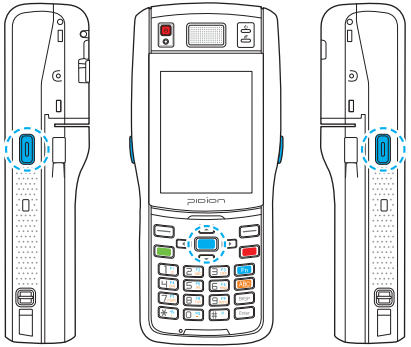
USB to PC
2:12
USB to PC
Changing the type of USB connection your device uses can help with problems connecting ActiveSync.
Enable advanced network functionality
OK

Your device and the surrounding devices can you used when connected with the **<USB Cable>**.

If you use the function **[USB-PC Connect]** your device's battery consumption will be high. If you are not using the function **[USB-PC Connect]** disconnect to save your battery consumption.

1. Using the Barcodes

Press the **[Barcode Scan]** button on the side or front of the device to start scanning barcodes.



2. Scanning Barcodes

In order to scan accurately, you must scan with the correct angle 10cm away.

If you are using Barcodes with special programs, please contact the manufacturing company.

3. Checking Barcodes

Start ▶ Memo

The barcode's information will appear if you press the **[Create New]** button in <Memo>.

If you scan a barcode while <Memo> is open, the barcode will be automatically saved in **<Memo>.**

If you scan when <Memo> is not opened, it will not be saved. To do this, press the **[Menu]** button in **[Create New]** and **[Paste]** to save.

1. Looking at the home screen

On top of the screen, **[Start]**, **[Wi-Fi]**, **[Connection Status]**, **[Volume]**, **[Battery]**, and etc will been displayed.

You can see the **[Weather]**, **[Time]**, **[Wireless Connection Status]**, **[Owner Information]**, **[Messages]**, **[Operation]**, **[Schedule]**, **[Device Lock Status]**, and etc on the **[Home screen]** with your user settings.

2. up photos as Home Screen Background

You can set the photos you can taken as a background image.

① **Start** ▶ **Photos & Video** ▶ select **My Photos**.

② Press the bottom right **[Menu]** button on the screen.

③ Select **[Set as Home Screen Wallpaper]**.

④ After setting the transparency level select **[OK]**.

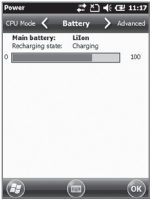
3. Adjusting Volume

You can adjust your volume for program folders, selecting menus, or In-call volume.

After selecting the on the top right, you can adjust your system/ ring tone volume.

Selecting Vibrate will make your phone muted and into the Vibrate Mode.

4. Checking Battery Level



You can check your battery level by pressing the on the top right of your display.

1. Selecting text input mode

There are five different character input methods available.

2. Block recognizer

This input method uses the traditional writing area box split in the middle.

The left side is used to write letters and the right side is for number entry.

Symbols and common functions are located in other smaller boxes located in the right of the writing box area.

3. Keyboard

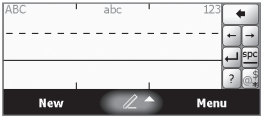
This input method displays an on-screen keyboard that can be used to input characters by tapping the screen using the stylus pen.

4. Letter recognizer

This option allows you to enter text using your own handwriting.

The screen is divided into three different areas. A capital letter area, small letter area, and a number area.

Characters are entered by printing letters in each area. The character is then analyzed and typed on the screen automatically.



5. Transcriber

The transcriber option is similar to the letter recognizer, except instead of entering characters into a designated area, you can enter entire words and sentences using your own handwriting.

Transcriber supports both printing and cursive writing styles and then automatically types the information on the screen.

1. Making a Call

To make a call, press the **[Phone]** button in the bottom of the screen. Input a phone number and press **[Call]**.

Redial
Without inputting the a phone number again, press the **[Call]** button to redial.

: Deletes mistake numbers.

: You can use the saved speed dials to make a call. To add/edit/delete a speed dial, press the menu on the bottom right.
(You can save a maximum of 98 speed dials.)

: You can the recent view received calls/out going calls/missed calls.

: After inputting a phone number press this button to make the call.

2. Receiving a Call

When you are receiving a call, press the **[Call]** button or the **[Answer]** button on the bottom of the screen.

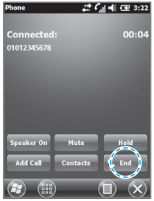
※ The outgoing information message can be different from the regular devices.

3. Blocking a call

To block a call, press the **[Ignore]** button on the bottom of the screen or the **[End]** button on the keyboard.

You can also block the call by shorting pressing the volume button.

4. Hanging up



To hang up, press the **[End]** button or the **[End]** button on the device's keyboard.

- The BIP-1500 Does not support conference calls, call transferring optional call services.
- The BIP-1500 Does not support Voice Call during Dial-up.
- The BIP-1500 supports only the regular optional call service <Call waiting>. (The SMS service from call waiting is not supported.)

1. Searching

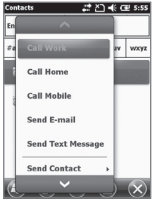
① **Start** ▶ Select **Contacts**.

② Type in a name on the **[Name Input]** to search a contact.

2. Adding a Contact

① Select the **[Create New]** button on the top left.

② Select the contact's category.



You can use various menus when you hold down the contact.

Call Work/Home/Cell phone : Each numbers saved can be called.

Send Email : Sends email to the saved email account.

Send Message : Sends a text message to the saved phone number.

Copy Contact : Copies the selected contact.

Delete : Deletes the selected contact.

- If the BIP-1500 device has been reset, there will not be a information message when retrieving/deleting a contact list.
- The BIP-1500 device may take some time showing the saved contacts when it has been reset or has been erased from the USIM card.

③ The contact will be saved when the attributes are imputed in order. Press **[OK]** to save in Contacts.

3. Menu

Press and select the **[Menu]** button on the bottom right of the contacts screen.

Edit : You can edit a saved contact.

Send Contact : You can send a contact wirelessly.

Contact copy/delete : You can copy/delete a selected contact.

Option : You can do the setup of <Alphabetical order > and <Show only name of contact>.

Display standards : You can set up the standards of the contacts for the names/companies.

Filter : You can filter the selected items.

Selecting Contacts : You can multi-select or select all.

1. Taking Photos

Start ▶ **Camera**

Your photo will be taken when you press the **[OK]** button. The photo/video will be automatically saved in the album.

Video : Switches to Video mode.

Mode : You can set it up as normal/ bust/timer.

Resolution : You can set various resolutions of 480x640 / 600x800 / 768x1024 / 1536x2048.

Flash : You can turn on/off your flash.

Full-Screen : You can change your display to full screen.

Option : You can change the name/storing location/file size.

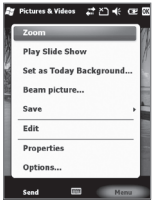
2. Viewing Photos

You can do the following options : Delete / Send / Wireless-transfer / Set up as background / Enlarge / Edit / Properties with the photo / Video.

Start ▶ Photos and Video

You can Enlarge/Reduce or check the information of the saved Photo/Video.

- If the battery is too low, the camera will turn off or will not open.
- If not in use more than a minute, it will go into sleep mode.
- If the device can shoot video, the user manual will vary depending on the camera program.



The selected Photo/Video can be Enlarged / Reduced / Viewed with as a slideshow/set as a background / Wireless-transfer / Save / Edit / Properties.

Bluetooth

Setup for the communication of Bluetooth equipment.

Start ▶ Settings ▶ Bluetooth

Turning on Bluetooth

Set up as on/off.
(If not in use, it will drain your battery.)

Making your device discoverable

Other devices and search and discover your BIP-1500 device.

Bluetooth
11:12
Mode
COM Ports
Devices
After pairing with a device, to set up a COM port tap New Outgoing Port. For other options, tap and hold an existing port.
OK

Search surrounding Bluetooth devices and pair (connect).

Way to set up your Bluetooth

① Press **[Search for devices]** to search other Bluetooth devices.

② Select a Bluetooth device and press **[Next]**.

③ Type in the password to connect with the selected device and press **[Next]**. (The password will be different for every device. Please refer to manual)

④ Check if you are connecting to the right device. It correct, press **[Finish]**.

⑤ If the model name and icon of the device you have chose appears, you are finished connecting.

The pairing method is different for every Bluetooth devices. Please read the manual for other Bluetooth devices.

Lock

Password

Set up a password for your device every time you turn it on.

Start ▶ Settings ▶ Lock

You must input your password twice.

After selecting **[Press ok if the device is not used for the following time]** set up a time.

The password must be 4~6 characters long. Simple passwords such as [1111] or [1234] cannot be used.

If the **[Check if the device is not used for the following time]** is set up, the screen below will show when turning on your device.

After inputting your password, press the **[Unlock]** button on the bottom of the screen.

Hint

Type in a phrase in which will help you to remember your password.

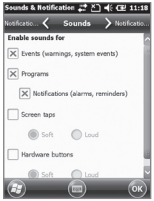
Phone off
5:21
Several incorrect passwords have been entered. To continue password entry, enter 1a1b2c7. In case of emergency, enter an emergency phone number.
Menu
OK

If you get the password wrong 4 times in a row, a **[Hint]** window will appear.

Sound and Notifications

Sound

You can set up your event, program, screen pressing, hardware button notification sounds.



Start ▶ Settings ▶ Sound and Notifications.

If you check each item the (sound and notification) will be setup with a sound.

Notifications

You can set the Notifications sounds when the (sound and notification) is set up.

Start ▶ Settings ▶ Sound and Notifications ▶ Notifications

You can set the phone, wireless network, notification, Activesync, and etc sounds by Ring/Vibration.

Home

Background Display

You can set up your photos as the home screen background.

Start ▶ Settings ▶ Home

① After selecting **[Use this as background]** press the **[Find]** button.

② Select the folder that has the photo you want to use in **[Folder]**.

③ Select your photo.

④ After selecting you photo press **[OK]**.

Items

You can set up items to be displayed on your home screen.

Start ▶ Settings ▶ Home ▶ Items

When you check the item it will be shown on your home screen. You can set the order of the items that are going to be shown by using the **[Move up]** / **[Move down]** button.

User Information

You can set up a memo or your personal information.

Start ▶ Settings ▶ Personal ▶ User Information

You can set your name, company name, address, phone number, email address, and memo to be shown when your device turns on.

Phone

Phone

You can adjust/turn off the devices sounds.

Start ▶ Settings ▶ Personal ▶ Phone

Ring/Vibration : You can set as Ring / Ring(getting louder) / Ring only once / vibrate / Ring and vibrate / Ring after Vibrate / None.

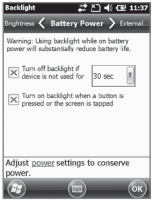
Ring tones : You can adjust the Ring tones.

Keypad : The key pad sound can be adjusted to Long tone / Short tone / Off when keypad is selected.

Display Light

Battery power / Exterior power

To save battery, you can set the battery power and exterior power to be turned off automatically.


Backlight
11:37
Brightness
Battery Power
External
Warning: Using backlight while on battery power will substantially reduce battery life.
Turn off backlight if device is not used for
30 sec
Turn on backlight when a button is pressed or the screen is tapped
Adjust power settings to conserve power.
OK

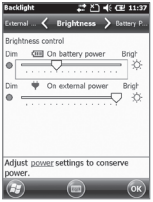
Start ▶ Settings ▶ System ▶ Display Light

The shorter you adjust your display time, the longer your battery will last.

You can turn the light back on again by press the buttons of the display.

Brightness

Use the slider bar to adjust the brightness.



Start ▶ Settings ▶ System ▶ Display Light ▶ Brightness

If you set the brightness of PDA close to **[Darker]** mode, the battery of PDA will last longer.

External GPS

Program

Select the port you want to use by receiving data from the program's external GPS.

Start ▶ Settings ▶ System ▶ External GPS

All the programs using GPS can communicate with this port.

Hardware

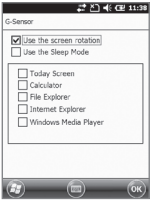
You can designate the hardware port in which GPS devices will connect to.

Access

If you select **[Automatic GPS management]** you can receive multiple program's GPS data simultaneously.

G–Sensor

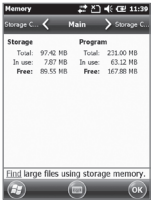
You can set up the usage for the G-Sensor.



Start ▶ Settings ▶ System ▶ G-Sensor

Memory

The memory's current state (Usage, Available space) will be displayed.



Start ▶ Settings ▶ System ▶ Memory

Main memory

You can check the memory for Total/Usage/Available space of storage and programs.

Storage Card

You can check the usage/available space of the Micro SD memory card and the program store.

Uninstalling Programs

The programs installed by the user or in default will be displayed.

Start ▶ Settings ▶ System ▶ Uninstall Program

Select the program you want to uninstall on the list. Press **[Uninstall]** and it will automatically be removed.

Display

General

You can change the screen vertically, horizontally (right hand), horizontally (left hand)

Start ▶ Settings ▶ System ▶ Display

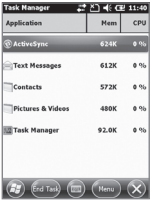
You can readjust the stylus pen points by pressing the **[Display Adjust]** button.

Text Size

You can adjust your text in 5 sizes.

Program Monitor

The memory status of running programs will be displayed



Start ▶ Settings ▶ System ▶ Program Monitor

Using the menu you can select the running programs and to stop it. You can also stop all the programs running at once.

USB–PC Connection

You can connect with a PC.

USB to PC
11:41
USB to PC
Changing the type of USB connecton your device uses can help with problems connecting ActiveSync.
Enable advanced network functionality
OK

Start ▶ Settings ▶ Connections ▶ USB-PC connection

The computer uses a tunneling VPS can connect with your device with RNDIS. In this case, try to connect un-checking the **[Advanced Network Function]**.

If the **[ActiveSync]** does not work properly, try using the **[Advanced Network Function]**.

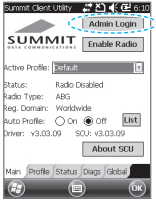
Wi–Fi

Setting up the wireless internet with Wi-Fi.

Start ▶ Settings ▶ System ▶ Wi-Fi

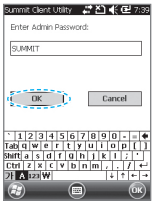
Through the wireless internet settings, you can set up the Wi-Fi that connects the surrounding AP (access point).

SUMMIT



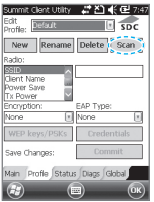
Setting up Wireless Internet

① Select the **[Admin Login]** button on the top right.

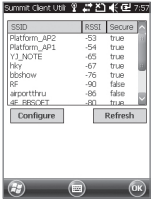


② Type in **SUMMIT**(Capitalized) in the password box and press **[OK]** button.

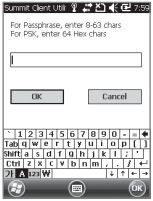
③ Select the **[Profile]** buttons on the bottom.



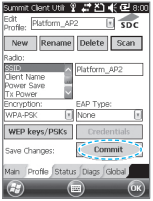
④ Select the **[Scan]** button on the top right.



⑤ A list of AP your device can connect to will appear. Connect to ex.) Platform_AP2. (Please select a desired AP) When the popup appears, Press **[YES]**.



⑥ Type password in the box of the AP you wish to connect and press **[OK]** buttons.



⑦ Once you press **[Commit]**, you will be connected to the internet.

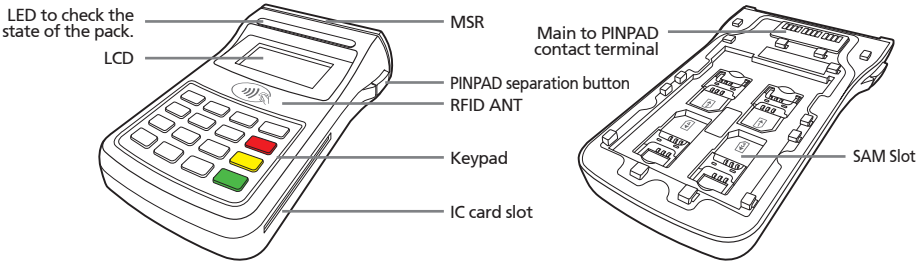
Device Specifications

Item	Features
WCDMA	single-band 2100MHz UMTS/HSDPA
CPU	Marvell PXA320 806MHz
OS	Windows Mobile 6.5
Memory	RAM : 256MB / ROM : 512MB
Display	3.5" QVGA 240x320 Touch Window / 3.5" VGA 480x640 Touch Window (Optional)
WLAN	IEEE 802.11 b/g IEEE 802.11 a/b/g (Optional)
Bluetooth	Bluetooth V2.0+EDR, Class2
GPS	A-GPS support(SiRF InstantFix II)
Camera	3.0M AF LED Flash
Slot	MicroSD
USB	USB 1.1Full Speed

Item		Features
Battery		2,000mAH Li-ion
Dimension		2" thermal printer : 199.7(L) x 77.6(W) x 40.3(D) mm 3" thermal printer : 205(L) x 77.6(W) x 40.3(D) mm
Interface		16Pin Port
Operation Temperature		-4° to 131°F / -20° to 55°C
Environment		1.5m Steel surface 2 drops per 6 sides
Frequency	WLAN	IEEE 802.11 b/g IEEE 802.11 a/b/g (Optional)
	Bluetooth	Frequency : 2,402MHz ~ 2,480MHz Number of channels : 79 Antenna power : 0.01mW and less Modulation type : F1D

1. PINPAD

1-1. Parts of the pack

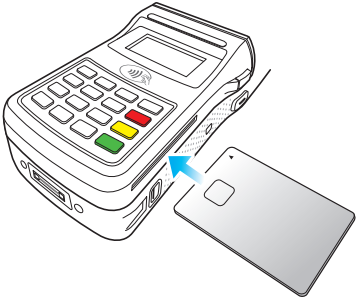


1-2. Paying with card

1-2-1. Paying with MSR

The card can be swiped in both directions.
Please swipe the card fluidly.

1-2-2. Paying with IC Card



Insert with the card with the IC chip going in first.
Please make sure to insert the card all the way.

1-2-3. Paying with RFID

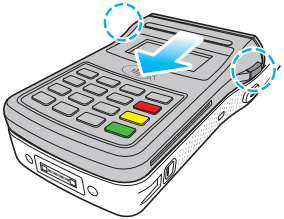
Make sure you place the card on the RFID antenna.

1-3. Installing/Removing the PINPAD

1-3-1. Installing the PINPAD

Install the PINPAD in the direction of the arrows.

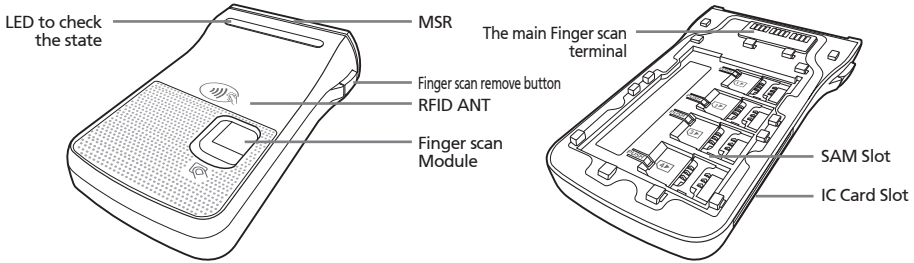
1-3-2. Removing the PINPAD



To remove, press the **[PINPAD remove button]** to slide the PINPAD out in the arrow direction.

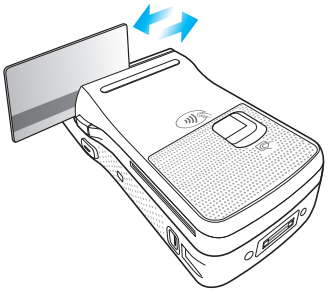
2. Finger Scan

2-1. Each part explained



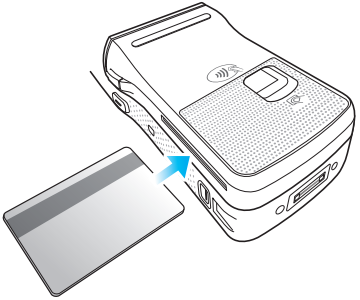
2-2. Paying with card

2-2-1. Paying with MSR



The card can be swiped in both directions.
Please swipe the card fluidly.

2-2-2. Paying with IC card

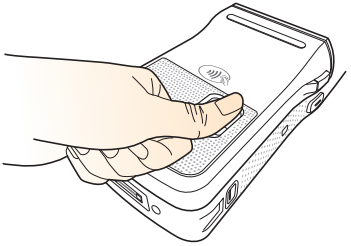


Insert with the card with the IC chip going in first.
Please make sure to insert the card all the way.

2-2-3. Paying with RFID

Make sure you place the card on the RFID antenna.

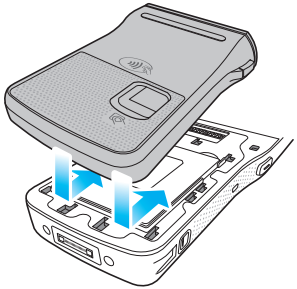
2-3. Using the Finger scan



Your device will start scanning once you have placed your finger on the Finger scan.

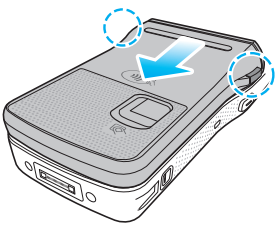
2-4. Installing/Removing the Finger scan

2-4-1. Installing the Finger scan



Install the Finger scan in the arrow direction.

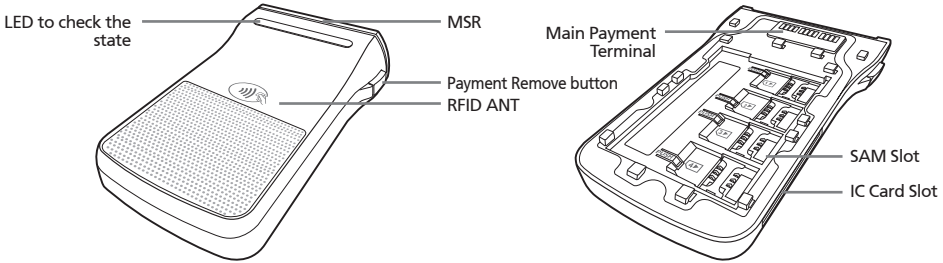
2-4-2. Removing the Finger scan



To remove, press the Finger scan remove button and slide it downwards.

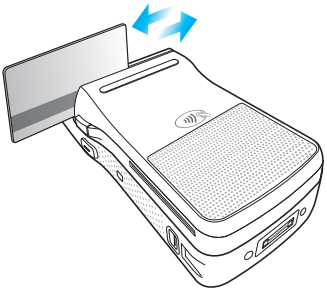
3. Payment

3-1. Each part explained



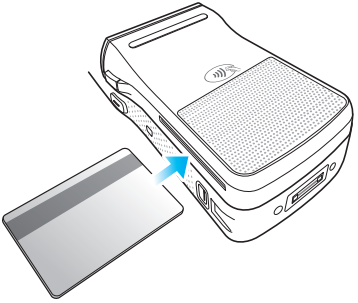
3-2. Paying with card

3-2-1. Paying with MSR



The card can be swiped in both directions.
Please swipe the card fluidly.

3-2-2. Paying with IC card



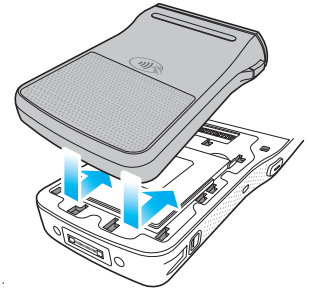
Insert with the card with the IC chip going in first.
Please make sure to insert the card all the way.

3-2-3. Paying with RFID

Make sure you place the card on the RFID antenna.

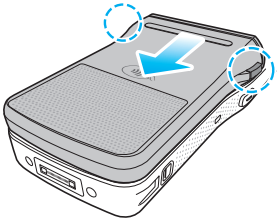
1-3. Installing/Removing the payment equipment

1-3-1. Installing the payment equipment



Install the payment equipment in the arrow direction.

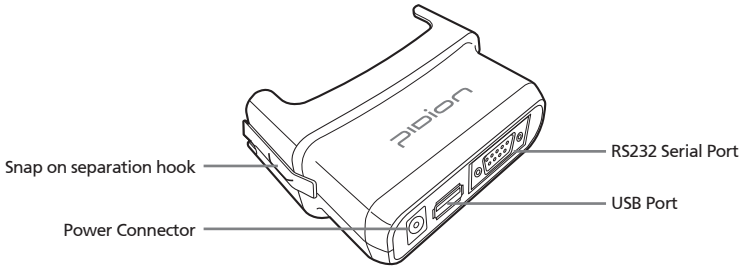
1-3-2. Removing the Payment equipment



To remove, press the remove button and slide it downwards.

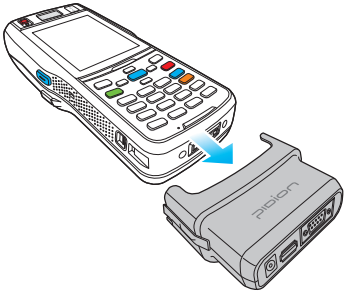
4. Snap on

4-1. Each parts explained



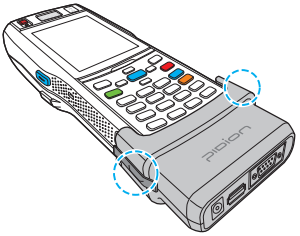
4-2. Installing/Removing Snap on

4-2-1. Installing Snap on



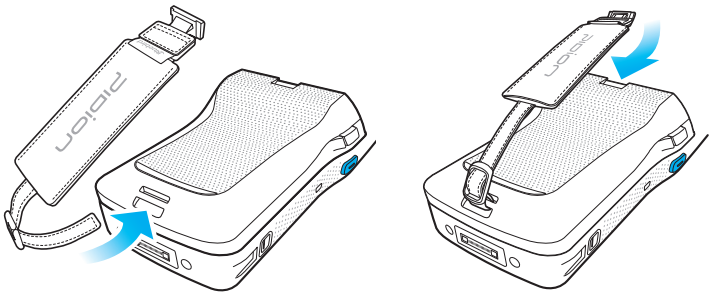
Slide the snap on in the arrow direction to install.

4-2-1. Removing Snap on



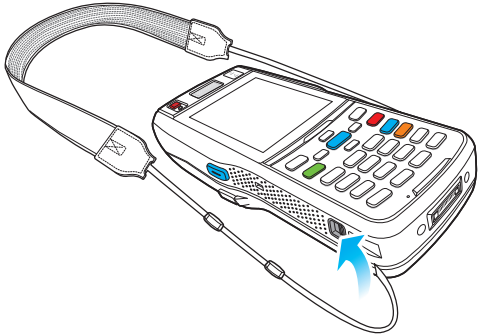
Press the remove buttons and slide it downwards to remove.

1. Connecting the hand-strap



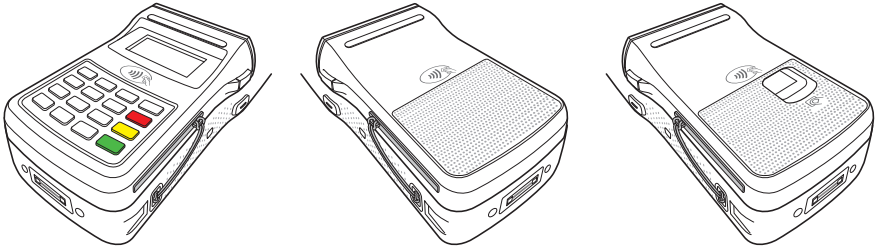
Connect the hand-strap on the battery cover's hand-strap holder.

2. Connecting the Shoulder Strap



Connect the shoulder strap on both sides of the device's Shoulder strap holder.

3. Connecting the IC Card cover



Install the IC card cover in the PINPAD/ Payment equipment / Finger scan/ IC card slot.
Connect the IC card cover strap on the shoulder strap holder.

Q & A

Q Water went into my device. What do I do?

A First, remove your battery from the device and dry them in a dry place. After drying for a period of time try turning it on. If it still does not turn on, the main-board or other parts needs to be replaced. Please refer to your service center.

Q It won't turn on.

A The program may be damaged. Please try resetting your device. If it still doesn't work, refer to your service center.

Q It won't charge.

A Make sure the power cable and your device has been connected correctly. Try cleaning your charging terminals. If it still doesn't work, your battery life might be finished or it can be a broken battery. (The battery warranty is 6 menthes)

Q How do I get the repair service?

A You can send via a delivery service to the headquarters. When sending the package make sure you pay for the shipping fee in advance. When the repair is finished the headquarters will be covering the shipping fee.

Q My battery drains very quickly.

A The battery can be drained quickly when the Wi-Fi or Bluetooth is turned on. If it drains quickly regardless of using the options above, please purchase another battery.

※ If you have done the above and the device still does not work, please refer to the service center.

※ After the 1 year warranty the repair service will be charged.

Before Requesting After-Sales Service

- Before asking for after-sales service, please back up the data from the terminal.
- We do not back up data from the products received in the Customer Care Center. Therefore, we assume no responsibility for loss/deletion of data.

Bluebird Soft Customer Service

- FAX : +82-2-548-0870
- E-Mail : gcs@bluebird.co.kr
- Address : 1242, Gaepo-dong, Gangnam-gu, Seoul, Korea

Operating hours

- Mon.-Fri. : 9:30 A.M. ~ 6:30 P.M. (GMT Time: +9 Hours)
- The center is closed on Saturdays, Sundays and holidays.

Registering for After-Sales Service

- We receive the products for after-sales service through mail, delivery service and hand carry only in principle.
- If you bought the product from any party other than the authorized dealer, you need to register the product before asking for after-sales service.
- Please enclose an evidence of purchasing or the receipt to the product for after-sales service.
- Please enclose the name, telephone number, address and symptom for prompt service.
- You can ask for after-sales service through the dealer or the Customer Care Center in the head office.
- Do not intentionally damage the label on the product.
- Damaged label may result in a disadvantage to the customer.
- When you return the product to Bluebird Soft for service, please put the product in a protective box.
- No warranty will not be provided for any damage occurring during delivery. We recommend you to use the box and protective cover supplied with the product.
- Make sure to deliver the product in a safe way. Bluebird Soft assumes no responsibility for loss of the product during delivery.

Charged Service

1. If it is not a default, it will be charged when requesting for after-sales service.
   - Service request due to inappropriate use of the customer
   - Loss of a PIN number
   - Use of programs that might effect the program (over-clock, forceful changes in the input of the system, personal developments)

2. Default due to a mistake on the part of the customer
   - Default due to inappropriate or careless use of the product (dropping, submersion under water, shock, damage, unreasonable operations, etc).
   - Default due to a repair or unauthorized technician.
   - Default caused intentionally or by carelessness of the customer.
   - Default due to the use of fraudulent parts or components.

3. Other cases
   - Default due to nature (fire, damage due to sea wind, flood damage, etc.).
   - Expendable parts have exhausted there life (batteries, antenna, or other component parts).

4. Regulations of treatment after charged service
   - If the same default occurs on the part that had been repaired within a 2 months(60 days) period, it will be provided with free of charge repair service.

There will be no returning of goods or repayment upon the following situation

- Removal of the sealing of the product if it had been sealed.
- If the product has been damaged due to careless use by the customer or due to a natural disaster (floods, rain, fire, etc.).
- Loss of product or other components (CD, diskette, manual, connecting cables, etc).
- Damage to the product after 10 days of purchase, the product will either be exchanged or provided with after-sales service (note, returning of goods or repayment is not allowed).

Warranty Certificate

Thank you for purchasing a product from Bluebird Soft Inc.

- If a circumstance arises where you lose a receipt or the certificate of guarantee, then the term of guarantee will be calculated 3 months (certified by the number of the manufacture, a certificate of inspection) after the date of manufacture.
- In case of accessories (such as batteries), only those that match the sales list managed by the service center will be eligible for customer service.
- A repair or an exchange of batteries that does not match the sales list of the service center due to the carelessness of the customer will be fully charged.

Name of Product	PDA
Name of Model	BIP-1500
Date of Purchase	
Manufacture Number	
Place of Purchase	
Term of Guarantee	1 year from purchase

Warranty Certificate

Warranty

1. Bluebird Soft Inc. (hereinafter referred to as Bluebird) provides the warranty service for its products in compliance with the regulations on compensation for damage of customer.
2. Upon receiving a notification on a defect of its product within the range of warranty during the warranty period, Bluebird will repair or replace the defective product according to its warranty policy.
3. If the defective product within the range of warranty is not repairable or replaceable, Bluebird shall refund the purchasing price within a designated period from the date of receiving a notice of defect.
4. Bluebird assumes no responsibility for repairing, replacement or refund until it receives the defective product from the customer. The replacement shall be equivalent to a new product in the aspect of performance.
5. Warranty of Bluebird is valid in the countries where the Bluebird products are distributed by Bluebird. (Contract for additional warranty service like field service)
6. Bluebird products may contain the recycled products, components or materials equivalent to new products in the aspect of performance.
7. This warranty is applied to software products only when the programming commands are not executed. Bluebird does not guarantee interruption-free or error-free performance.

Bluebird

Customers Service Center

Hours
Mon.- Fri. : 9:30 A.M. ~ 6:30 P.M.
(GMT Time: +9 Hours)

We are not open on Saturday,
Sundays and National Holidays.

Address : 1242 Gaepo-dong,
Gangnam-gu, Seoul, Korea

Bluebird constantly strives to bring utmost satisfaction to all our customers.